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Assistant Commissioner for Patents,
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1-9-97
TOWNSEND and TOWNSEND and CREW LLP
By Christine A. Bybee

PATENT

Attorney Docket No. 16528X-008200
(client file no. 1091)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:)
Mark S. Chee et al.) Examiner: D. Rees
Application No.: 08/327,525) Art Unit: 1807
Filed: October 21, 1994)
For: COMPUTER-AIDED)
VISUALIZATION AND ANALYSIS) TRANSMITTAL OF SEQUENCE
SYSTEM FOR SEQUENCE) LISTING
EVALUATION)
)

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Applicants hereby submit a new paper copy of the "Sequence Listing" found at pages 45-84 of the above-identified application. Also enclosed is a computer readable form copy of the "Sequence Listing."

Applicants attest that the information in the "Sequence Listing" is identical to that which is in computer-readable form, as required under 37 CFR 1.821(f). This submission introduces no new matter, since the enclosed sequences are identical to the sequences submitted in the original patent application. Two copies of this paper are enclosed.

MARK CHEE et al.
Serial No.: 08/531,137
Page 2

PATENT

Please charge any additional fees or credit any
overpayment to Deposit Account No. 20-1430.

Respectfully submitted,



Michael J. Ritter
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MJR:cab

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AmendmentAtty. Docket No. 16528X-008200 (client file no. 1091)Date January 9, 1997

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 Assistant Commissioner for Patents,
 Washington, D.C. 20231
 on: January 9, 1997

by: Christine A. Bybee
 Christine A. Bybee

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In re application of Mark S. Chee et al.

Appln. No. 16527525

Filed October 21, 1994

Group Art Unit 1807
 For COMPUTER-AIDED VISUALIZATION AND
 ANALYSIS SYSTEM FOR SEQUENCE EVALUATION

THE ASSISTANT COMMISSIONER FOR PATENTS
 Washington, D.C. 20231

Sir:

Transmitted herewith is an amendment in the above-identified application.

[X] Enclosed is a petition to extend time to respond (3 months).

[X] New Sequence Listing (Hard Copy).

[X] New Sequence Listing (Diskette Copy).

[X] Sequence Listing Transmittal.

[X] Information Disclosure Statement.

[X] PTO form 1449, including 2 cited references.

[X] Sequence Verification Report

If any extension of time is needed, then this response should be considered a petition therefor.

The filing fee has been calculated as shown below:

	(Col. 1)		(Col. 2)		(Col. 3)		SMALL ENTITY		OTHER THAN A SMALL ENTITY
	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NO. PREVIOUSLY PAID FOR		PRESENT EXTRA		RATE	ADDITIONAL FEE	
TOTAL	*56	MINUS	**46		=10		x11=	\$	
INDEP. *13 MINUS ***4 =9									
[X] FIRST PRESENTATION OF MULTIPLE DEP. CLAIM									
							x40=	\$	
							+130=	\$	
							TOTAL ADDITIONAL FEE	\$	
							OR		
							x22=	\$220	
							x80=	\$320	
							+260=	\$260	
							TOTAL	\$800	

* If the entry in Col. 1 is less than the entry in Col. 2,
 write "0" in Col. 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space.

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found from the equivalent box in Col. 1 of a prior amendment or the number of claims originally filed.

DF70085 01/30/97 08327525 20-1430 070 102 320.00CH
 DF70086 due 01/30/97 08327525 20-1430 070 103 220.00CH
 Please charge DF70086 Account No. 20-1430 as follows:
 [X] Claims fee 20-1430 070 104 800.00 260.00CH

[X] Any additional fees associated with this paper or during the pendency of this application.

2 extra copies of this sheet are enclosed.

TOWNSEND and TOWNSEND and CREW LLP

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